

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Kalim Mir  
Serial No.: Not Yet Assigned  
Filed: September 16, 2003  
Entitled: Arrays and Methods of Use

03940 U.S. PTO  
10/664000  
09/16/03

**CERTIFICATE OF MAILING UNDER 37 CFR 1.10**

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, **Express Mail Label No. EL928101658US** on this date, **September 16, 2003**, postage prepaid, in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Kathleen M. Williams

Name of Person Mailing Paper

Signature of Person Mailing Paper

**Mail Stop Patent Application**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**TRANSMITTAL LETTER**

Enclosed for filing in the above-identified patent application, please find the following documents:

1. New Patent Application Transmittal;
2. Patent Application, (145 pages);
3. Preliminary Amendment;
4. Eleven (11) sheets of informal drawings of Figs 1-10D;
5. Application Data Sheet;
6. Check in the amount of \$2,579.00 for the requisite filing fee; and
7. Return Post Card.

Pursuant to 37 C.F.R. § 1.27, Applicant claims small entity status.

The Commissioner for Patents is hereby authorized to charge any additional fees or credit any overpayment in the total fees to Deposit Account No. 16-0085, Reference No. 8654/2182. A duplicate of this transmittal letter is enclosed for this purpose.

Respectfully submitted,

Date: September 16, 2003

Name: Kathleen M. Williams

Registration No.: 34,380

Customer No.: 29933

Palmer &amp; Dodge LLP

111 Huntington Avenue

Boston, MA 02199-7613

Tel: 617-239-0100

## NEW UNITED STATES UTILITY PATENT APPLICATION TRANSMITTAL

Atty. Docket No.: 8654/2182

**CERTIFICATE OF MAILING UNDER 37 CFR 1.10**

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, **Express Mail Label No. 928101658US** on this date, **September 16, 2003**, postage prepaid, in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Kathleen M. Williams

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Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Enclosed herewith is a new patent application of:**

First Named Inventor (or application identifier): Kalim Mir

Title of Invention: Arrays and Methods of Use

Type: ☐ New  
☒ Continuation of: PCT/GB02/01245  
☐ Continuation-in-Part of:  
☐ Divisional of:  
which is hereby incorporated by reference in its entirety into the application filed herewith;

**and includes the following papers:**

1. ☒ Specification 145 pages (including specification, claims, abstract)/107 claims (17 independent)
2. ☒ Declaration/Power of Attorney is:  
☐ Executed ☐ Unexecuted ☐ Executed copy from Parent Application  
☒ NOT included, but deferred under 37 C.F.R. § 1.53(f).
3. ☒ 11 Distinct sheets of ☐ Formal ☒ Informal Drawings
4. ☒ Application Data Sheet
5. ☒ Preliminary Amendment.
6. ☐ Information Disclosure Statement  
☐ Form 1449 ☐ A copy of each cited prior art reference (as necessary)
7. ☐ Assignment with Recordation Cover Sheet.
8. ☒ Priority is hereby claimed under 35 U.S.C. § 119 based upon the following application(s):

Country	Application Number	Date of Filing (day, month, year)
Great Britain	GB0106635.6	16 March 2001
Great Britain	GB0118879.6	2 August 2001

9. ☒ Priority is hereby claimed under 35 U.S.C. § 120 based upon the following application(s):

Application Number	Date of Filing (day, month, year)
PCT/GB02/01245	18 March 2002

10. ☐ Priority is hereby claimed under 35 U.S.C. § 121 based upon the following application(s):

Application Number	Date of Filing (day, month, year)
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## NEW UNITED STATES UTILITY PATENT APPLICATION TRANSMITTAL

Atty. D cket No.: 8654/2182

The above applications from which priority is claimed are hereby incorporated in their entirety into the application filed herewith.

11. ☐ Priority document(s).
12. ☐ Microfiche Computer Program (Appendix).
13. ☐ Nucleotide and/or Amino Acid Sequence Submission.  
☐ Computer Readable Copy.  
☐ Paper Copy (identical to computer copy).  
☐ Statement verifying identity of above copies.
14. ☐ Request for Non-Publication and Certification under 35 USC 122 (b)(2)(B)(i)
15. ☒ Statement of Small Entity Status, Pursuant to 37 C.F.R. §1.27.
16. Calculation of Fees:

FEES FOR	TOTAL CLAIMS	EXCESS CLAIMS	FEE	AMOUNT DUE
Basic Filing Fee (37 C.F.R. § 1.16(a))				\$750.00
Total Claims in <b>Excess of 20</b> (37 C.F.R. § 1.16(c))	184	164	\$18.00	\$2,952.00
Independent Claims in <b>Excess of 3</b> (37 C.F.R. § 1.16(b))	17	14	\$84.00	\$1,176.00
Multiple Dependent Claims (37 C.F.R. § 1.16(d))	YES		\$280.00	\$280.00
Subtotal - Filing Fee Due				\$5,158.00
Reduction by 50%, if Small Entity (37 C.F.R. §§ 1.9, 1.27, 1.28)	MULTIPLY BY 0.50			\$2,579.00
<b>TOTAL FILING FEE DUE</b>				<b>\$2,579.00</b>
Assignment Recordation Fee (if applicable) (37 C.F.R. § 1.21(h))	0		\$40.00	N/A
<b>GRAND TOTAL DUE</b>				<b>\$2,579.00</b>

17. PAYMENT is:  
☒ included in the amount of \$2,579.00 by our enclosed check. The Commissioner is hereby authorized to charge any deficiencies in the fees to Deposit Account 16-0085, Ref. 8654/2182.  
☐ not included, but deferred under 37 C.F.R. § 1.53(f).

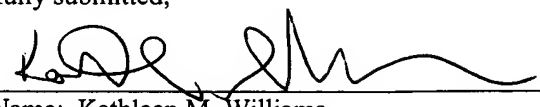
18. All correspondence for the attached application should be directed to:

**KATHLEEN M. WILLIAMS**  
**Customer Number 29933**  
111 Huntington Avenue  
Boston, MA 02199-7613

19. Other: \_\_\_\_\_

Respectfully submitted,

Date: September 16, 2003

By:   
Name: Kathleen M. Williams  
Registration No.: 34,380